

Name: \_\_\_\_\_

## Snow Crystals

*Snow is great for skiing and Christmas cheer. It's also scientific.*

From your memory and images on the web, describe snow.

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## Let It Snow

Snow crystals are formed from water molecules. Let us make some today.

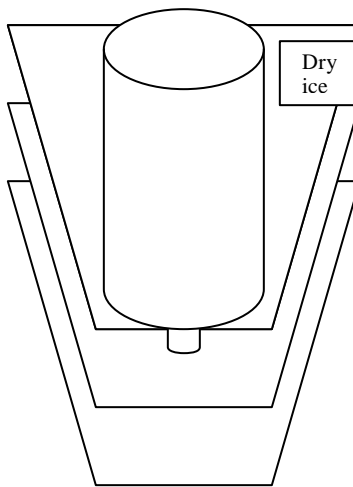
### Procedure:

1. Get a soda bottle that has had the bottom removed from your teacher.
2. Put a piece of wet sponge in the bottom of your bottle.
3. Using a large pin (Be careful!) thread some fishing line through the bottom of the bottle. On the other end, tie a small paper clip. When you put your bottle back together, it should look like this:



4. Fit the bottom of your bottle through a hole you make with your fingers in the bottom of one Styrofoam cup. Fill that cup with dry ice. (Be careful! Do not handle it or let it get near skin.)

5. Then fit that cup and bottle into another cup, and then put the whole thing in a third cup.



**Results:**

Carefully observe your snow crystals with a hand lens. Draw several crystals here:

**Conclusion**

6. Describe how snow crystals form, in terms of molecules and forces: \_\_\_\_\_